

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Boone County, Iowa

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
6: OKOBOJI-----	---	> 80	---	---	---	---	High-----	High-----	Low.
27C: TERRIL-----	---	> 80	---	---	---	---	Moderate----	Moderate----	Low.
28B: DICKMAN-----	---	> 80	---	---	---	---	Low-----	Low-----	Moderate.
28C: DICKMAN-----	---	> 80	---	---	---	---	Low-----	Low-----	Moderate.
55: NICOLLET-----	---	> 80	---	---	---	---	High-----	High-----	Low.
62C2: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
62D2: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
62E2: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
62F: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
73D: SALIDA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
73F: SALIDA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
90: OKOBOJI-----	---	> 80	---	---	---	---	High-----	High-----	Low.
95: HARPS-----	---	> 80	---	---	---	---	High-----	High-----	Low.

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		In	In		In	In			
107: WEBSTER-----	---	> 80	---	---	---	---	High-----	High-----	Low.
135: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
138B: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
138C: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
138C2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
138D2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
167: AMES-----	---	> 80	---	---	---	---	High-----	High-----	Moderate.
168B: HAYDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
168C: HAYDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
168C2: HAYDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
168D2: HAYDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
168E: HAYDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.

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		In	In		In	In			
203: CYLINDER-----	---	> 80	---	---	---	---	High-----	Moderate----	Low.
221: PALMS-----	---	> 80	---	---	2-4	25-32	High-----	High-----	Moderate.
224: LINDER-----	---	> 80	---	---	---	---	High-----	Moderate----	Low.
236B: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
236C2: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
259: BISCAY-----	---	> 80	---	---	---	---	High-----	Moderate----	Low.
307: DUNDAS-----	---	> 80	---	---	---	---	High-----	High-----	Moderate.
308: WADENA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
308B: WADENA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
325: LE SUEUR-----	---	> 80	---	---	---	---	High-----	High-----	Low.
335: HARCOT-----	---	> 80	---	---	---	---	High-----	High-----	Low.
354: PALMS-----	---	> 80	---	---	4-15	25-32	High-----	High-----	Moderate.
355: LUTHER-----	---	> 80	---	---	---	---	High-----	High-----	Moderate.

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		In	In		In	In			
356G: HAYDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
383: MARNA-----	---	> 80	---	---	---	---	High-----	High-----	Low.
385B: GUCKEEN-----	---	> 80	---	---	---	---	High-----	High-----	Low.
444C: JACWIN-----	Bedrock (paralithic)	30- 50	---	---	---	---	High-----	High-----	Low.
485: SPILLVILLE-----	---	> 80	---	---	---	---	Moderate----	High-----	Moderate.
485B: SPILLVILLE-----	---	> 80	---	---	---	---	Moderate----	High-----	Moderate.
507: CANISTEO-----	---	> 80	---	---	---	---	High-----	High-----	Low.
511: BLUE EARTH-----	---	> 80	---	---	---	---	High-----	High-----	Low.
536: HANLON-----	---	> 80	---	---	---	---	Moderate----	Moderate----	Low.
559: TALCOT-----	---	> 80	---	---	---	---	High-----	High-----	Low.
566B: MOINGONA-----	---	> 80	---	---	---	---	Moderate----	High-----	Low.
566C: MOINGONA-----	---	> 80	---	---	---	---	Moderate----	High-----	Low.

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		In	In		In	In			
566D: MOINGONA-----	---	> 80	---	---	---	---	Moderate----	High-----	Low.
585B: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
SPILLVILLE-----	---	> 80	---	---	---	---	Moderate----	High-----	Moderate.
636: BUCKNEY-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
639D: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
SALIDA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
639E: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
SALIDA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
655: CRIPPIN-----	---	> 80	---	---	---	---	High-----	High-----	Low.
733: CALCO-----	---	> 80	---	---	---	---	High-----	High-----	Low.
778: SATTRE-----	---	> 80	---	---	---	---	Low-----	Low-----	High.
778B: SATTRE-----	---	> 80	---	---	---	---	Low-----	Low-----	High.
778C: SATTRE-----	---	> 80	---	---	---	---	Low-----	Low-----	High.
823: RIDGEPORT-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
823B: RIDGEPORT-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
823C2: RIDGEPORT-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
828B: ZENOR-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
828C: ZENOR-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
828C2: ZENOR-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
829D2: ZENOR-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
STORDEN-----	---	> 80	---	---	---	---	Moderate---	Low-----	Low.
829E2: ZENOR-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
STORDEN-----	---	> 80	---	---	---	---	Moderate---	Low-----	Low.
1135: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
1636: BUCKNEY-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
2485B: SPILLVILLE-----	---	> 80	---	---	---	---	Moderate---	High-----	Moderate.
BUCKNEY-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.

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		In	In		In	In			
4055: NICOLLET-----	---	> 80	---	---	---	---	High-----	High-----	Low.
URBAN LAND-----	---	---	---	---		---	---	---	---
4138B: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
URBAN LAND-----	---	---	---	---		---	---	---	---
4138C: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
URBAN LAND-----	---	---	---	---		---	---	---	---
4507: CANISTEO-----	---	> 80	---	---	---	---	High-----	High-----	Low.
URBAN LAND-----	---	---	---	---		---	---	---	---
5010: PITS-----	---	---	---	---	---	---	---	---	---
5020: DUMPS-----	---	---	---	---		---	---	---	---
5040: ORTHENTS-----	---	---	---	---		---	---	---	---
W: WATER-----	---	---	---	---		---	---	---	---